IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/EP03/10680

International Filing Date : September 25, 2003

Priority Date(s) Claimed : October 15, 2002

Applicant(s) (DO/EO/US) : Atsutaka MANABE et al.

Title: PHOTOSTABLE LIQUID-CRYSTALLINE MEDIUM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

Timing and Fees

Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this information disclosure statement is filed:					
	within three months of the filing date of a national application other than a CPA under § 1.53(d);				
	within three months of the actual filing date of the national phase of a PCT application; OR				
\boxtimes	before the mailing of a first substantive office action (including after filing of an RCE).				
Under 37 C.F.R. § 1.97(c), this information disclosure statement is filed after the specified in 37 C.F.R. § 1.97(b), but before the mailing date of:					
	a final rejection under 37 C.F.R. 1.113; termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR a notice of allowance under 37 C.F.R. § 1.311; and				

		is acco	ompanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).
			R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
		a final	action under 37 C.F.R. § 1.113;
		termin	ation of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
		OR a r	notice of allowance under 37 C.F.R. § 1.311;
	AND i	s filed o	on or before payment of the issue fee; AND is accompanied by:
			tement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of 00 under 37 C.F.R. § 1.17(p).
Staten	nents Ur	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
Cited :	Materia	<u>ls</u>	
		ancest	s of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
	\boxtimes	-	s of materials listed but not attached were cited in an international search dated February 11, 2004.
		Not re	quired by 37 CFR § 1.98.
		Copies	s of the materials listed are attached (except for the foregoing).

Non-English L	Language References					
	An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).					
\boxtimes	A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:					
	 X = document of particular relevance when it is taken alone Y = document of particular relevance when it is combined with another such document A = document defining the general state of the art O = non-written disclosure P = intercalated document T = document cited to understand the theory or principle underlying the 					
	invention E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date D = cited in the application L = cited for another reason & = publication of member of same patent family					
\boxtimes	Translation of other relevant information on foreign search report					
	In the search report, "Seite" means page, "Seiten" means pages, "Verbindungen der Formel" means Figure of formula, "Beispele" means examples, and "das ganze Dokument" means the entire document, "Spalte" means column, "Zeile" means line, "Abbildungen" means claims, "Anspruch" means example, "Zusammenfassung" means summary, and "Tabelle" means table, and "Tabellen" means tables "in der Anmeldung erwaehnt" means cited in the application, "Schema" means scheme, "und" means and, "Absatz" means break, "Abildung" means figure.					
Other Informa	<u>tion</u>					
	ees Due (If Any): ck for \$ covering the fee identified above is attached.					

Please charge to Deposit Account No. 13-3402 \$_____ for the fee identified above.

The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

Anthony J. Zelano, Reg. No. 27,969

Attorney for Applicants

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Attorney Docket No.: MERCK-2996

Date: April 29, 2005

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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO Complete if Known Application Number PCT/EP03/10680 INFORMATION DISCLOSURE April&9, 2005 Filing Date STATEMENT BY APPLICANT First Named Inventor Atsutaka MANABE et al. Group Art Unit Unassigned (use as many sheets as necessary) Examiner Name Unassigned of Attorney Docket Number MERCK-2996 Sheet 1

	U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	U.S. Patent Documen	t Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
-	1	5342544		Naito Tomijiro et al.	August 30, 1994		
	2	2002038859		-	April 4, 2002		
	3	2002060311			May 23, 2002		
	4	2002119262			August 29, 2002		
	5	5874022			February 23,1999		
_	6	5948319			September 7, 1999		
	7	2003228426	- "		December 11, 2003		
	8	2003222244			December 4, 2003		

FOREIGN PATENT DOCUMENTS								
Examiner			Foreign Patent Document		Name of Patentee or Applicant of Date of Publication of Cited		Pages, Columns, Lines, Where Relevant Passages	
Initials*	Cite No.1	Office ³	Number⁴	Kind Code⁵ (<i>if known</i>)	Name of Patentee or Applicant of Cited Document	Document MM-DD-YYYY	or Relevant Figures Appear	T ₆
	9	DE	10152931		Merck Patent GmbH	July 25, 2002		
	10	DE	10128017		Merck Patent GmbH	March 14, 2002		Equv to cite 2
	11	EP	0949231		Chisso Corp.	October 13, 1999		
	12	wo	0112751		Merck Patent GmbH	February 22, 2001		
	13	DE	19919348		Merck Patent GmbH	November 4, 1999		Equv to cite 3
	14	EP	1213339		Merck Patent GmbH	June 12, 2002		Equv to cite 4
	15	wo	02051963		Merck Patent GmbH	July 4, 2002	·	
-	16	EP	0832955		Chisso Corp	April 1998		Equv to cite 5
	17	GB	2296253		Merck Patent GmbH	June 26, 1996		Equv to cite 6
	18	DE	19720529		Merck Patent GmbH	December 11, 1997		
	19	wo	9009420		Merck Patent GmbH	August 23, 1990		
	20	DE	10204607		Merck Patent GmbH	August 7, 2003		Equv to cite 7
	21	EP	1352944		Chisso Corp.	October 15, 2003		Equv to cite 8
	22	GB	2240778		Merck Patent GmbH	August 14, 1991		

Examiner Signature	Date Considered	

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents, ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.